

### Abstract of the Disclosure

A laboratory device for jointly tempering reaction samples in at least two steps in respectively assigned, specified temperature ranges, which are carried out repeatedly and consecutively as sequences of steps, the laboratory tempering device, in one step of the sequences of steps, bringing several groups of samples, in each case containing at least one sample, to temperatures within the temperature range, which are constant within the groups and different between the groups, wherein the laboratory tempering device, in each step of the sequence, brings a different partial amount of the samples in groups to temperatures, which are the same within the groups and different between the groups, and brings the samples of the other partial amounts to a same temperature within the assigned temperature range.